STATE OF SOUTH CAROLINA)
)
(Caption of Case))
In Re:)
)
Monthly Fuel Cost Report and Base Load Power Plant Performance Report)
)
)
)
)
)
)

BEFORE THE PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA

COVER SHEET

DOCKET NUMBER: 1989 - 9 - E

(Please type or print)

Submitted by: Charles A. Castle
SC Bar Number: 79895
Address: 526 S. Church Street, EC03T
Charlotte, NC 28202
Telephone: 704-382-4499
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Other:
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NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ **Emergency Relief demanded in petition** ☐ **Request for item to be placed on Commission's Agenda expeditiously**

☐ **Other:**

INDUSTRY (Check one)

- ☒ Electric
- ☐ Electric/Gas
- ☐ Electric/Telecommunications
- ☐ Electric/Water
- ☐ Electric/Water/Telecom.
- ☐ Electric/Water/Sewer
- ☐ Gas
- ☐ Railroad
- ☐ Sewer
- ☐ Telecommunications
- ☐ Transportation
- ☐ Water
- ☐ Water/Sewer
- ☐ Administrative Matter
- ☐ Other:

NATURE OF ACTION (Check all that apply)

- ☐ Affidavit
- ☐ Agreement
- ☐ Answer
- ☐ Appellate Review
- ☐ Application
- ☐ Brief
- ☐ Certificate
- ☐ Comments
- ☐ Complaint
- ☐ Consent Order
- ☐ Discovery
- ☐ Exhibit
- ☐ Expedited Consideration
- ☐ Interconnection Agreement
- ☐ Interconnection Amendment
- ☐ Late-Filed Exhibit
- ☐ Letter
- ☐ Memorandum
- ☐ Motion
- ☐ Objection
- ☐ Petition
- ☐ Petition for Reconsideration
- ☐ Petition for Rulemaking
- ☐ Petition for Rule to Show Cause
- ☐ Petition to Intervene
- ☐ Petition to Intervene Out of Time
- ☐ Prefiled Testimony
- ☐ Promotion
- ☐ Proposed Order
- ☐ Protest
- ☐ Publisher's Affidavit
- ☒ Report
- ☐ Request
- ☐ Request for Certificatio
- ☐ Request for Investigatior
- ☐ Resale Agreement
- ☐ Resale Amendment
- ☐ Reservation Letter
- ☐ Response
- ☐ Response to Discovery
- ☐ Return to Petition
- ☐ Stipulation
- ☐ Subpoena
- ☐ Tariff
- ☐ Other:

Duke Energy®
Carolinas

DUKE ENERGY CAROLINAS, LLC
526 South Church St.
Charlotte, NC 28202

Mailing Address:
EC03T / PO Box 1006
Charlotte, NC 28201-1006

CHARLES A. CASTLE
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December 31, 2010

Jocelyn Boyd, Chief Clerk of the Commission
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of November 2010:

1. Monthly Fuel Cost Report (Exhibit A).

2. Base Load Power Plant Performance Report (Exhibit B).

Should you have any questions regarding this matter, please contact Brian Franklin at 980.373.4465.

Sincerely,

Charles A. Castle

pa

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
Shannon Hudson, Staff Attorney
Jeff Nelson, Staff Attorney
John Flitter

South Carolina Energy Users Committee
Scott Elliott, Esquire

Brian L. Franklin

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2010)

Line No.	Fuel Expenses:	November 2010
1	Fuel and fuel-related costs	$ 121,552,970
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	1,020,927
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 120,532,043
	MWH sales:	
4	Total system sales.	5,881,638
5	Less intersystem sales	22,261
6	Total sales less intersystem sales	5,859,377
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	2.0571
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	2.0949
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	2,273,735
10	Biomass	-
11	Fuel Oil	(182)
12	Natural Gas	8,286
13	Total fossil	2,281,839
14	Nuclear 100%	4,714,563
15	Hydro - Conventional	66,510
16	Hydro - Pumped storage	(46,661)
17	Total hydro	19,849
18	Solar Distributed Generation	452
19	Total MWH generation	7,016,703
20	Less joint owners' portion	1,302,446
21	Adjusted total MWH generation	5,714,257

(a) Line 2 includes:

Fuel from intersystem sales (Schedule 3)	$ 1,012,803
Fuel in loss compensation	8,124
Total fuel recovered from intersystem sales	$ 1,020,927

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2010)

Fuel and fuel-related costs:	November 2010
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 81,819,616
0501222, 0501223 biomass/test fuel consumed (@ avoided fuel cost)	-
0501310 fuel oil consumed - steam	221,577
0501330 fuel oil light-off - steam	855,552
Total Steam Generation - Account 501	82,896,745
Environmental Costs	
0509000, 0557451 emission allowance expense	1,545
0502020, 030, 040 reagents expense	1,407,161
Emission allowance gains	(103,650)
Total Environmental Costs	1,305,056
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	20,260,552
0518600 nuclear fuel disposal cost	4,423,824
Total Nuclear Generation - 100%	24,684,376
Less joint owners' portion	6,728,192
Total Nuclear Generation - Account 518	17,956,184
Other Generation - FERC Account 547	
0547100 natural gas consumed	858,125
0547200 fuel oil consumed - CT	86,161
Total Other Generation - Account 547	944,287
Solar Distributed Generation @ Avoided Fuel Cost	22,189
Total fossil and nuclear fuel expenses included in base fuel component	103,124,461
Fuel related component of purchased and interchange power per Schedule 3	12,911,955
Fuel related component of purchased power (economic accrual)	5,516,555
Total fuel and fuel-related costs	$ 121,552,970

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2010)

Other fuel expenses not included in fuel and fuel-related costs:	November 2010
Net proceeds from sale of by-products	$ 297,100
0501223 biomass avoided fuel cost excess	-
0518610 spent fuel canisters-accrual	192,973
0518620 canister design expense	19,344
0518700 fuel cycle study costs	63,049
Non-fuel component of purchased and interchanged power	7,799,129
Total other fuel expenses not included in fuel and fuel-related costs:	$ 8,371,596
Less Solar Distributed Generation @ Avoided Fuel Cost	(22,189)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$ 8,349,407
Total FERC Account 501 - Total Steam Generation	82,896,745
Total FERC Account 518 - Total Nuclear Generation	18,231,551
Total FERC Account 547 - Other Generation	944,287
Total Reagents Expense	1,407,161
Total Gain/Loss from Sale of By-Products	297,100
Total Emission Allowance Expense	1,545
Total Gain/Loss from Sale of Emission Allowances	(103,650)
Total Purchased and Interchanged Power Expenses	26,227,639
Total Fuel, Fuel Related and Purchased Power Expenses	$ 129,902,377

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

NOVEMBER 2010

Schedule 3, SC, Purchases, Month
Exhibit A, Page 1 of 4

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Alcoa Power Generating Inc.	293,230	-	-	8,660	178,870	114,360
Associated Electric Cooperative Inc.	26,500	-	-	1,000	16,165	10,335
Blue Ridge Electric Membership Corp.	2,418,396	86	1,048,296	53,045	835,761	534,339
Cargill Power Marketers LLC	231,264	-	-	7,064	141,071	90,193
City of Kings Mtn	8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.	227,181	-	-	7,111	138,580	88,601
Constellation	1,346,575	-	-	40,732	821,411	525,164
Haywood Electric	419,130	20	200,048	7,524	133,640	85,442
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	(46)	-	-	-	(28)	(18)
NCEMC	636,790	-	-	19,790	353,957	282,833
NCMPA	4,758,673	-	-	135,396	2,624,554	2,134,119
Piedmont Electric Membership Corp.	1,228,412	42	528,729	26,831	426,807	272,876
PJM Interconnection LLC	8,672,926	-	-	251,028	5,290,485	3,382,441
Progress Energy Carolinas	65,950	-	-	2,050	51,629	14,321
Rutherford Electric Membership Corp.	42,530	-	-	1,790	25,944	16,587
Southern	275,220	-	-	7,813	167,884	107,336
SPCO - Rowan	1,135,717	456	1,359,984	-	(242,664)	18,397
The Energy Authority	581,893	-	-	18,138	354,955	226,938
Town of Dallas	584	-	584	-	-	-
Town of Forest City	20,148	7	20,148	-	-	-
TVA	77,355	-	-	2,213	47,187	30,168
Generation Imbalance	195,515	-	-	4,661	117,076	78,439
Energy Imbalance - Purchases	170,920	-	-	3,397	104,261	66,659
Energy Imbalance - Sales	(78,205)	-	-	-	(69,944)	(8,261)
	$ 22,774,909	**621**	**$ 3,186,040**	**598,243**	**$ 11,517,600**	**$ 8,071,269**

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
203 Neotrantor, LLC	72	-	-	1	-	72
AKS Real Estate Holdings, LLC	22	-	-	0	-	22
Alamance Hydro, LLC	1,831	-	-	37	-	1,831
Amelia M. Collins	18	-	-	0	-	18
Andrews Truss Inc.	60	-	-	1	-	60
Anna L. Reilly	26	-	-	0	-	26
Aquenergy	23,897	-	-	425	-	23,897
Barbara Ann Evans	421	-	-	11	-	421
Berjouhi Keshguerian	28	-	-	0	-	28
Bernd Schneitler	61	-	-	1	-	61
Biomerieux Inc.	761	-	-	13	-	761
Black Hawk Inc.	63	-	-	1	-	63
Branch, James David Dr	61	-	-	1	-	61
Byron P. Matthews	17	-	-	0	-	17
Catawba County	48,265	-	-	1,481	-	48,265
Chapel Hill Tire Co.	117	-	-	2	-	117
Charles Brandon Mitchell	33	-	-	1	-	33
Cherokee County Cogeneration Partners	2,910,342	-	225,236	52,795	1,272,524	1,412,582
Clark H. Mizell	50	-	-	1	-	50
Cliffside Mills, LLC	4,206	-	-	72	-	4,206
Converse Energy	7,303	-	-	125	-	7,303
Daniel L. Kerns	197	-	-	3	-	197
Dave K. Birkhead	11	-	-	0	-	11
David A. Ringenburg	35	-	-	1	-	35
David Boyer	30	-	-	1	-	30
David E. Shi	8	-	-	0	-	8
David H. Newman	13	-	-	0	-	13

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
David M. Thomas	43	-	-	1	-	43
David W. Walters	30	-	-	1	-	30
David Wiener	19	-	-	0	-	19
Decision Support	201	-	-	3	-	201
Delta Products Corp.	189	-	-	3	-	189
Dirk J. Spruyt	27	-	-	0	-	27
Earnhardt-Childress Racing Technologies, LLC	264	-	-	4	-	264
Edward W. Witkin	43	-	-	1	-	43
Ernest E. McConnell	8	-	-	0	-	8
Fogleman Construction Inc.	23	-	-	0	-	23
Frances L. Thomson	39	-	-	1	-	39
Gail D. Schmidt	28	-	-	0	-	28
Gas Recovery Systems, LLC	137,875	-	-	2,102	103,228	34,647
George Franklin Fralick	21	-	-	0	-	21
Gerald Priebe	26	-	-	0	-	26
Gerald W. Meisner	30	-	-	1	-	30
Greenville Gas Producer, LLC	91,190	-	-	1,888	91,190	-
Gwenyth T. Reid	25	-	-	0	-	25
H. Malcolm Hardy	19	-	-	0	-	19
Haneline Power, LLC	2,570	-	-	44	-	2,570
Haw River Hydro Co.	12,723	-	-	420	-	12,723
Hayden-Harman Foundation	12	-	-	0	-	12
Hendrik J. Rodenburg	26	-	-	0	-	26
Henry Jay Becker	34	-	-	1	-	34
HMS Holdings Limited Partnership	484	-	-	8	-	484
Holzworth Holdings	9	-	-	0	-	9
Innovative Solar Solutions	31	-	-	1	-	31
Irvine River Company	17,031	-	-	289	-	17,031
Jafasa Farms	111	-	-	2	-	111
James B. Sherman	16	-	-	0	-	16
James J. Boyle	30	-	-	1	-	30
James L. Johnson	41	-	-	1	-	41
James Richard Trevathan	19	-	-	0	-	19
Jeffery Lynn Pardue	31	-	-	1	-	31
Jerome Levit	5	-	-	0	-	5
Jody Fine	13	-	-	0	-	13
Joel L. Hager	33	-	-	1	-	33
John B Robbins	77	-	-	1	-	77
John H. Diliberti	80	-	-	1	-	80
Keith Adam Smith	16	-	-	0	-	16
KMBA, LLC	74	-	-	1	-	74
Lamar Bailes	35	-	-	1	-	35
Laura J. Ballance	40	-	-	1	-	40
Leon's Beauty School Inc.	266	-	-	4	-	266
Linda Alexander	15	-	-	0	-	15
Marilyn M. Norfolk	21	-	-	0	-	21
Mark A. Powers	10	-	-	0	-	10
Mark S. Trustin	15	-	-	0	-	15
Mary K. Nicholson	25	-	-	0	-	25
Matthew T. Ewers	13	-	-	0	-	13
Mayo Hydropower	21,106	-	-	447	-	21,106
Megawatt Solar Inc.	1	-	-	0	-	1
Michael G. Hitchcock	61	-	-	1	-	61
Mill Shoals Hydro	2,833	-	-	79	-	2,833
MP Durham, LLC	109,046	-	-	1,880	92,313	16,733
Mr. Lawrence B. Miller	28	-	-	1	-	28
Northbrook Carolina Hydro	57,265	-	-	990	-	57,265
Oakdale Holding, LLC	142	-	-	2	-	142
Oenophilia	125	-	-	2	-	125
Optima Engineering	68	-	-	1	-	68
Pacifica HOA	40	-	-	1	-	40
Paul C. Kuo	26	-	-	0	-	26

NOVEMBER 2010

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Paul G. Keller	74	-	-	1	-	74
Pelzer Hydro	24,546	-	-	457	-	24,546
Peter J. Jarosak	11	-	-	0	-	11
Philip E. Miner	47	-	-	1	-	47
Phillip B. Caldwell	22	-	-	0	-	22
Pickins Mill Hydro, LLC	2,856	-	-	51	-	2,856
Pippin Home Designs Inc.	17	-	-	0	-	17
PRS-PK Engines, LLC	231	-	-	4	-	231
R. Lawrence Ashe, Jr.	38	-	-	1	-	38
Rajah Y. Chacko	18	-	-	0	-	18
Rajendra Morey	23	-	-	0	-	23
Ramona L. Sherwood	34	-	-	1	-	34
Raylen Vineyards Inc.	83	-	-	1	-	83
Rebecca G. Laskody	27	-	-	0	-	27
Rebecca T. Cobey	10	-	-	0	-	10
Ron B. Rozzelle	36	-	-	1	-	36
Ronald R. Butters	35	-	-	1	-	35
Rousch & Yates Racing Engines, LLC	307	-	-	5	-	307
Russell Von Stein	14	-	-	0	-	14
Salem Energy Systems, LLC	126,965	-	-	2,290	-	126,965
Samuel B. Moore	18	-	-	0	-	18
Samuel C. Bingham	35	-	-	1	-	35
Samuel C. Province	86	-	-	1	-	86
Scot Friedman	38	-	-	1	-	38
Shawn Slome	12	-	-	0	-	12
South Yadkin Power Inc.	3,471	-	-	59	-	3,471
Stanley Chamberlain	37	-	-	1	-	37
Steve Mason Ent. Inc.	309	-	-	9	-	309
Steven D. Holdaway	8	-	-	0	-	8
Steven Graf	39	-	-	1	-	39
Stewart A. Bible	11	-	-	0	-	11
Strates Inc.	29	-	-	1	-	29
Sun Capital Inc.	162	-	-	3	-	162
Sun Edison, LLC	38,885	-	-	574	28,160	10,725
Susan E. Reynolds	35	-	-	1	-	35
T.S. Designs Inc.	67	-	-	1	-	67
The Rocket Shop, LLC	15	-	-	0	-	15
Theresa S. Greene	11	-	-	0	-	11
Thomas Christopher	20	-	-	0	-	20
Thomas Knox Worde	20	-	-	0	-	20
Thomas W. Bates	25	-	-	0	-	25
Timberlyne	157	-	-	3	-	157
Town of Chapel Hill	16	-	-	0	-	16
Town Of Lake Lure	7,174	-	-	184	-	7,174
W B Moore Co of Char	183	-	-	3	-	183
W. Jefferson Holt	66	-	-	1	-	66
Wallace & Graham, PA	1,136	-	-	19	-	1,136
Walter C. McGervey	6	-	-	0	-	6
White Oak of Saluda, LLC	32	-	-	1	-	32
William P. Miller	34	-	-	1	-	34
William Terry Baker	34	-	-	1	-	34
Yves Naar	34	-	-	1	-	34
	$ 3,660,289	**-**	**$ 225,236**	**66,847**	**$ 1,587,415**	**$ 1,847,638**
TOTAL PURCHASED POWER	**$ 26,435,198**	**621**	**$ 3,411,275**	**665,090**	**$ 13,105,015**	**$ 9,918,908**
INTERCHANGES IN						
Other Catawba Joint Owners	6,273,846	-	-	658,138	3,474,744	2,799,102
Total Interchanges In	6,273,846	-	-	658,138	3,474,744	2,799,102
INTERCHANGES OUT						
Other Catawba Joint Owners	(6,250,379)	(866)	(129,880)	(655,541)	(3,460,601)	(2,659,898)
Catawba- Net Negative Generation	(231,026)	-	-	(10,125)	(207,203)	(23,823)
Total Interchanges Out	(6,481,405)	(866)	(129,880)	(665,666)	(3,667,804)	(2,683,721)
Net Purchases and Interchange Power	**$ 26,227,639**	**(245)**	**$ 3,281,395**	**657,562**	**$ 12,911,955**	**$ 10,034,289**

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

NOVEMBER 2010

Schedule 3, SC, Sales, Month
Exhibit A, Page 4 of 4

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
SC Public Service Authority - Emergency	$ 104,576	-	$ -	1,516	$ 68,908	$ 35,668
Market Based:						
American Electric Power Services Corp.	5,000	-	-	100	4,092	908
Cobb Electric Membership Corp	2,756	-	-	53	2,478	278
Constellation Power Sources	9,366	-	-	219	5,587	3,779
NCEMC	-	-	-	-	22	(22)
NCEMC (Generator/Instantaneous)	149,445	25	125,000	419	18,093	6,352
NCMPA #1	217,463	50	216,500	19	733	230
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
PJM Interconnection LLC	661,862	-	-	14,359	635,439	26,423
Progress Energy Carolinas	16,500	-	-	300	21,440	(4,940)
SC Electric & Gas Market based	77,600	-	-	1,200	77,968	(368)
The Energy Authority	69,615	-	-	1,325	62,553	7,062
TVA	10,000	-	-	200	8,440	1,560
Other:						
Generation Imbalance	209,052	-	-	2,551	107,050	102,002
BPM Transmission	(98,653)	-	-	-	-	(98,653)
Total Intersystem Sales	**$ 1,592,082**	**125**	**$ 499,000**	**22,261**	**$ 1,012,803**	**$ 80,279**

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
November 2010
SC Code Ann. §58-27-865

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	405,770,447	420,462,904	709,717,411	1,535,950,762
Base fuel component of recovery						
2	Billed base fuel rate (¢/kWh)	Input	2.0625	2.0625	2.0625	2.0625
3	Billed base fuel expense	L1 * L2 /100	$8,369,015	$8,672,047	$14,637,922	$31,678,984
4	Incurred base fuel rate (¢/kWh)	Input	1.9409	1.9409	1.9409	1.9409
5	Incurred base fuel expense	L1 * L4 / 100	$7,875,599	$8,160,765	$13,774,905	$29,811,269
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.1216	0.1216	0.1216	0.1216
7	Base fuel over/(under) recovery	L1 * L6 / 100	**$493,417**	**$511,283**	**$863,016**	**$1,867,716**
	7a Prior period adjustment expense _/1	Input				$0
Environmental component of recovery						
8	Billed rates by class (¢/kWh)	Input	0.0445	0.0327	0.0253	0.0324
9	Billed environmental expense	L8 * L1 / 100	$180,568	$137,491	$179,559	$497,618
10	Incurred rate by class (¢/kWh)	Input	0.0353	0.0233	0.0138	0.0221
11	Incurred environmental expense	L10 * L1 / 100	$143,159	$98,164	$97,757	$339,080
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0092	0.0094	0.0115	0.0103
13	Environmental over/(under) recovery	L9 - L11	**$37,408**	**$39,328**	**$81,802**	**$158,538**
	13a Prior period adjustment expense _/1	Input				$0
Economic purchase component of recovery						
14	S.C. kWh sales % by class	L1 / L1T	26.42%	27.37%	46.21%	100.00%
15	Economic purchase accrual	L15T * L14	**($382,030)**	**($395,862)**	**($668,193)**	**($1,446,085)**
	15a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
Total over/(under) recovery						
16	Current month	L7 + L13 + L15	**$148,795**	**$154,749**	**$276,625**	**$580,169**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**$148,795**	**$154,749**	**$276,625**	**$580,169**

	17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
	Balance ending May 2010 _/2	$57,028,206				
	June	$45,149,223	($3,621,374)	($3,269,493)	($4,988,116)	($11,878,983)
	July	33,013,769	(4,490,744)	(3,393,752)	(4,250,958)	(12,135,454)
_/1	August	24,135,829	(3,135,732)	(2,452,885)	(3,289,323)	(8,877,940)
	September	22,247,423	(636,960)	(539,228)	(712,218)	(1,888,406)
	October	25,104,521	773,978	843,626	1,239,494	2,857,098
	November	25,684,690	148,795	154,749	276,625	580,169
	December					
	January					
	February					
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2010 ending balance reflects the economic purchase adjustment for review period ended 5/31/2010 pursuant to Docket 2010-3-E.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
November 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME November 2010 (C)
Cost of Fuel Received																	
Coal	$13,971,668	$47,888,430	$3,626,882			$15,573,170	$1,685,262	$2,072,650		$42,715,506				$1,071,920		$128,605,489	$1,236,996,335
Biomass	-	-	-			-	-	-		-				-		-	671,932
Fuel Oil	449,778	218,003	-	-		71,443	-	-	-	364,342		-		-	-	1,103,566	17,561,426
Gas			372	-			350	25,725	79,067			44,610		600	707,401	858,125	36,481,139
Total	$14,421,445	$48,106,433	$3,627,254	$0		$15,644,613	$1,685,612	$2,098,375	$79,067	$43,079,848		$44,610		$1,072,520	$707,401	$130,567,180	1,291,710,833
Received (¢/MBTU) Avg																	
Coal	382.67	392.70	398.43			377.80	363.27	374.39		368.32				363.67		380.63	377.34
Biomass														-		-	472.73
Fuel Oil	1,741.03	1,759.65	-	-		1,740.40	-	-	-	1,726.66		-		-	-	1,739.85	1,588.71
Gas			-	-			-	789.35	554.08			989.35		-	755.92	742.19	519.61
Weighted Average	392.22	394.09	398.47	-		379.16	363.35	376.82	554.08	370.78		989.35		363.87	755.92	384.40	384.33
Cost of Fuel Burned($) (A)																	
Coal	$7,131,026	$43,901,640	$0			$9,222,575	$0	$0		$21,564,192				$183		$81,819,616	$1,389,249,604
Biomass	-	-	-			-	-	-		-				-		-	537,632
Fuel Oil	444,423	189,024	22	-		76,706	3,417	120,194	2,941	326,563		-		-	-	1,163,290	17,216,330
Gas			372	-			350	25,725	79,067			44,610		600	707,401	858,125	36,481,139
Nuclear					8,331,713						8,628,280		7,724,383			24,684,376	292,133,244
Total	$7,575,449	$44,090,664	$394	$0	$8,331,713	$9,299,281	$3,767	$145,919	$82,008	$21,890,755	$8,628,280	$44,610	$7,724,383	$783	$707,401	$108,525,407	$1,735,617,949
Burned (¢/MBTU) Avg																	
Coal	391.85	393.57	-			394.53	-	-		365.53				-		385.73	367.31
Biomass	-	-	-			-	-	-		-				-		-	494.05
Fuel Oil	1,710.64	1,686.21	INF.	-		1,686.96	1,634.93	1,627.10	1,349.08	1,669.97		-		-	-	1,683.32	1,551.76
Gas			-	-			-	789.35	554.08			989.35		-	755.92	742.19	519.61
Nuclear					51.48						51.49		52.80			51.89	49.57
Weighted Average	410.41	394.87	INF.	-	51.48	397.04	1,802.39	1,370.65	566.04	369.84	51.49	989.35	52.80	-	755.92	157.35	177.86
Generated (¢/kWh) Avg																	
Coal	3.92	3.59	(B)			3.87	(B)	(B)		3.40				(B)		3.60	3.54
Biomass	-	-	-			-	-	-		-				-		-	6.08
Fuel Oil	-	-	(B)	(B)		-	(B)	(B)	INF.	-		-		-	-	(B)	(B)
Gas			-	-			-	(B)	26.36			INF.		-	8.90	10.36	6.06
Nuclear					0.52						0.52		0.54			0.52	0.50
Weighted Average	4.16	3.60	(B)	(B)	0.52	3.91	(B)	(B)	26.89	3.45	0.52	INF.	0.54	(B)	8.90	1.55	1.77
Burned MBTU's																	
Coal	1,819,851	11,154,640	-			2,337,617	-	-		5,899,417				-		21,211,525	378,223,904
Biomass	-	-	-			-	-	-		-				-		-	108,822
Fuel Oil	25,980	11,210	1	-		4,547	209	7,387	218	19,555		-		-	-	69,107	1,109,468
Gas			-	-			-	3,259	14,270			4,509		-	93,582	115,620	7,020,904
Nuclear					16,185 589						16,757 708		14 630 370			47 573 667	589 377 137
Total	1,845,831	11,165,850	1	-	16,185,589	2,342,164	209	10,646	14,488	5,918,972	16,757,708	4,509	14,630,370	-	93,582	68,969,919	975,840,235
Net Generation (mWh)																	
Coal	181,938	1,223,926	(813)			238,072	(746)	(822)		633,716				(1,536)		2,273,735	39,248,128
Biomass	-	-	-			-	-	-		-				-		-	8,848
Fuel Oil	-	-	(30)	(94)		-	(36)	(27)	5	-		-		-	-	(182)	(9,636)
Gas			-	-			-	(18)	300			57		-	7,947	8,286	602,020
Nuclear					1,612,856						1,668,698		1,433,009			4,714,563	58,232,052
Total	181,938	1,223,926	(843)	(94)	1,612,856	238,072	(782)	(867)	305	633,716	1,668,698	57	1,433,009	(1,536)	7,947	6,996,402	98,081,412
Cost of Reagents Burned ($)																	
Ammonia		552,769				44,808				-						597,577	5,362,069
Limestone	80,087	367,294								319,120						898,149	14,114,493
Urea	28,835		-			(117,400)				-						(88,564)	4,787,426
Organic Acid	-	-				-				-						-	-
Total	108,923	920,063	-			(72,592)				319,120						1,407,161	24,263,988

(A) Cost of fuel burned excludes $1,545 associated with emission allowance expense for the month and $305,793 for the twelve months ended.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Twelve months ended total reflects biomass data included with Coal prior to 2010.
Notes:
Detail amounts may not add to totals shown due to rounding.
Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.
Coal Inventory Ending Balance excludes 0,000 tons and $0,000 associated with terminals for the current month.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
November 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME November 2010 (C)
Coal Data:														
Beginning balance	306,328	494,642	139,400		243,337	87,177	145,717		783,191		160,928		2,360,720	4,651,564
Tons received during period	151,988	498,430	36,910		169,102	18,527	22,267		469,688		11,914		1,378,827	13,364,698
Moisture adjustments	(273)	(3,346)	-		(614)	-	-		(1,224)		-		(5,457)	(2,885)
Tons burned during period (A)	73,417	456,358	-		97,573	-	-		238,360		2		865,709	15,144,996
Ending balance	384,627	533,368	176,311		314,253	105,704	167,984		1,013,295		172,840		2,868,381	2,868,381
MBTUs per ton burned	24.79	24.44	-		23.96	-	-		24.75		-		24.50	24.97
Cost of ending inventory ($/ton)	97.15	96.80	94.74		94.70	99.11	93.29		90.58		91.26		93.84	93.84
Biomass/Test Fuel Data:														
Beginning balance			381				3,141						3,522	614
Tons received during period			-				-						-	15,158
Inventory adjustments			-				-						-	(618)
Tons burned during period			-				-						-	11,632
Ending balance			381				3,141						3,522	3,522
Cost of ending inventory ($/ton)			28.50				43.84						42.18	42.18
Fuel Oil Data:														
Beginning balance	68,868	234,411	317,742	1,536,309	69,106	218,784	586,129	8,673,053	311,219	3,933,547	225,726	2,254,372	18,429,266	18,969,628
Gallons received during period	187,254	90,049	-	-	29,848	-	-	-	153,205	-	-	-	460,356	8,017,498
Miscellaneous usage, transfers and adjustments	(6,637)	(13,768)	(1,085)	(22,740)	(8,847)	(486)	(5,625)	138,722	(28,097)	-	(590)	-	50,847	(498,760)
Gallons burned during period	188,316	81,476	10	-	33,063	1,512	53,548	140,560	141,984	-	-	-	640,469	8,188,366
Ending balance	61,169	229,216	316,647	1,513,569	57,044	216,786	526,956	8,671,215	294,343	3,933,547	225,136	2,254,372	18,300,000	18,300,000
Cost of ending inventory ($/gal)	2.36	2.32	2.22	0.79	2.21	2.26	2.12	1.60	2.29	1.25	2.17	2.34	1.61	1.61
Gas Data: (B)														
Beginning balance														
MCF received during period			-	-		-	3,215	14,101		4,438	-	92,381	114,135	6,890,868
MCF burned during period			-	-		-	3,215	14,101		4,438	-	92,381	114,135	6,890,868
Ending balance														
Cost of ending inventory ($/mcf)														
Limestone Data:														
Beginning balance	13,573	31,573			9,842				52,962				107,950	104,595
Tons received during period	10,645	6,492			5,801				14,772				37,710	511,993
Tons burned during period (A)	2,476	12,942			5,247				10,602				31,267	502,194
Ending balance	21,742	25,124			10,396				57,131				114,393	114,393
Cost of ending inventory ($/ton)	32.34	28.39			25.08				30.10				29.70	29.70

(A) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.
(B) Gas is burned as received; therefore, inventory balances are not maintained.
(C) Twelve months ended total reflects biomass data included with Coal prior to 2010.

Notes:
Detail amounts may not add to totals shown due to rounding.
Coal Inventory Ending Balance excludes 0,000 tons and $0,000 associated with terminals for the current month.

Exhibit A
Schedule 6

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
November 2010

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	53,282	$ 4,826,608.70	$ 90.59
	CONTRACT	98,636	8,883,881.56	90.07
	ADJUSTMENTS	70	261,177.52	3,711.49
	TOTAL	151,988	13,971,667.78	91.93
BELEWS CREEK	SPOT	88,907	7,342,084.19	82.58
	CONTRACT	409,523	38,557,438.61	94.15
	ADJUSTMENTS	-	1,988,906.90	-
	TOTAL	498,430	47,888,429.70	96.08
BUCK	SPOT	9,096	753,970.03	82.89
	CONTRACT	27,814	2,627,993.85	94.48
	ADJUSTMENTS	-	244,918.20	-
	TOTAL	36,910	3,626,882.08	98.26
CLIFFSIDE	SPOT	23,133	2,224,554.35	96.16
	CONTRACT	145,970	13,196,158.25	90.40
	ADJUSTMENTS	-	152,457.39	-
	TOTAL	169,102	15,573,169.99	92.09
DAN RIVER	SPOT	9,426	781,323.43	82.89
	CONTRACT	9,101	873,092.26	95.94
	ADJUSTMENTS	-	30,846.69	-
	TOTAL	18,527	1,685,262.38	90.96
LEE	SPOT	-	5,172.62	-
	CONTRACT	22,267	2,034,268.22	91.36
	ADJUSTMENTS	-	33,209.54	-
	TOTAL	22,267	2,072,650.38	93.08
MARSHALL	SPOT	35,786	3,496,596.93	97.71
	CONTRACT	433,902	38,427,990.05	88.56
	ADJUSTMENTS	-	790,918.96	-
	TOTAL	469,688	42,715,505.94	90.94
RIVERBEND	SPOT	11,914	1,058,813.14	88.87
	CONTRACT	-	(5,516.10)	-
	ADJUSTMENTS	-	18,623.34	-
	TOTAL	11,914	1,071,920.38	89.97
ALL PLANTS	SPOT	231,543	20,489,123.39	88.49
	CONTRACT	1,147,213	104,595,306.70	91.17
	ADJUSTMENTS	70	3,521,058.54	50,036.36
	TOTAL	1,378,827	$ 128,605,488.63	$ 93.27

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
November 2010

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	8.44	11.08	12,011	1.27
Belews Creek	6.44	11.58	12,233	0.83
Buck	6.12	11.18	12,331	0.80
Cliffside	6.68	11.55	12,188	1.26
Dan River	6.28	10.20	12,520	0.86
Lee	6.31	11.25	12,431	0.90
Marshall	7.03	10.74	12,346	1.32
Riverbend	6.32	10.54	12,370	0.92

Exhibit A
Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
November 2010

Station	Allen	Belews Creek	Cliffside	Marshall
Vendor	HighTowers	HighTowers	HighTowers	High Towers
Spot / Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0.00	0.00	0.00	0.01
Gallons Received	187,254	90,049	29,848	153,205
Total Delivered Cost	$ 449,777.52	$ 218,003.03	$ 71,443.44	$ 364,342.36
Delivered Cost/Gal	$ 2.40	$ 2.42	$ 2.39	$ 2.38
BTU/Gallon	137,961	137,585	137,518	137,728

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

December,2009 - November,2010

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,863,213	2,538	93.84	91.88
McGuire	18,843,420	2,200	97.78	93.84
Catawba	18,525,419	2,258	93.66	91.78

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
December 2009 through November 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	8,356,668	1,110	85.94	92.76
Belews Creek 2	6,175,071	1,110	63.51	71.57

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
December 2009 through November 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,525,357	562	51.30	64.33
Marshall 1	1,900,646	380	57.10	87.26
Marshall 2	1,830,804	380	55.00	88.21
Marshall 3	4,315,428	658	74.87	92.46
Marshall 4	4,823,878	660	83.44	94.01

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
December 2009through November 2010
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	650,642	163	45.71	92.82
Allen 2	548,994	163	38.57	91.46
Allen 3	1,411,571	262	61.58	91.27
Allen 4	1,459,001	277	60.20	89.43
Allen 5	1,288,965	267	55.18	89.15
Buck 3	65,493	75	9.97	98.97
Buck 4	36,447	38	10.95	99.11
Buck 5	501,983	128	44.77	87.33
Buck 6	470,249	128	41.94	86.14
Cliffside 1	6,182	38	1.86	96.95
Cliffside 2	6,817	38	2.05	96.94
Cliffside 3	16,659	61	3.12	96.48
Cliffside 4	17,124	61	3.20	20.85
Dan River 1	88,070	67	15.01	96.64
Dan River 2	91,917	67	15.66	94.13
Dan River 3	364,029	142	29.26	90.15
Lee 1	226,593	100	25.87	94.83
Lee 2	232,800	100	26.58	92.72
Lee 3	596,109	170	40.03	93.71
Riverbend 4	223,239	94	27.11	97.35
Riverbend 5	212,840	94	25.85	97.42
Riverbend 6	403,593	133	34.64	96.73
Riverbend 7	409,807	133	35.17	95.02

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
December,2009 through November,2010
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-377	65	99.45
Buzzard Roost CT	-1,296	188	99.83
Dan River CT	-448	51	94.32
Lee CT	2,143	82	99.00
Lincoln CT	73,656	1,264	98.39
Mill Creek CT	90,918	592	99.17
Riverbend CT	-917	69	96.24
Rockingham CT	428,702	825	87.05

Duke Energy Carolinas

Power Plant Performance

12 Months Ended November 2010

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	60,212	23.000	96.00
Cedar Creek	158,421	45.000	99.27
Cowans Ford	172,827	325.000	96.86
Dearborn	153,227	42.000	98.40
Fishing Creek	156,863	49.000	99.07
Gaston Shoals	13,354	4.600	51.13
Great Falls	9,902	24.000	42.06
Keowee	85,893	157.500	93.86
Lookout Shoals	92,695	27.000	90.93
Mountain Island	122,840	62.000	98.20
Ninety Nine Island	73,527	18.000	60.76
Oxford	113,014	40.000	94.09
Rhodhiss	67,747	30.500	97.28
Rocky Creek	(924)	28.000	-
Tuxedo	16,752	6.400	52.42
Wateree	240,385	85.000	93.61
Wylie	158,313	72.000	97.70
Nantahala	180,927	50.000	94.13
Queens Creek	3,804	1.440	99.56
Thorpe	76,701	19.700	95.49
Tuckasegee	6,951	2.500	94.77
Tennessee Creek	28,483	9.800	72.04
Bear Creek	29,879	9.450	96.45
Cedar Cliff	22,269	6.380	96.48
Mission	3,274	1.800	89.51
Franklin	(9)	1.040	54.25
Bryson	271	1.040	83.27
Dillsboro	-	0.230	50.00
Total Conventional	2,047,599		
Pumped Storage Plants			
Jocasee	965,197	730.000	83.42
Bad Creek	2,035,060	1,360.000	94.47
Total	3,000,257		
Less Energy for Pumping			
Jocasee	(1,108,212)		
Bad Creek	(2,569,750)		
Total	(3,677,962)		
Total Pumped Storage			
Jocassee	(143,015)		
Bad Creek	(534,690)		
Total	(677,705)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: November, 2010

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	11/15/2010-11/16/2010	19.35	UNSCHEDULED	REPAIR MAIN TRANSFORMER OIL LEAK	VALVE LEAKING TRANSFORMER OIL	LEAKY VALVE REPAIRED
	2	None					
	3	10/23/2010-11/19/2010	452.30	SCHEDULED	END-OF-CYCLE 25 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
		11/19/2010-11/20/2010	0.98	SCHEDULED	TURBINE OVERSPEED TRIP TEST	TEST SCHEDULED AFTER INITIAL PLANT SYNCHRONIZATION	TEST COMPLETED
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

November 2010

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	11/17/2010 12:05:00 PM To 11/19/2010 7:00:00 AM	Unsch	1060	FIRST REHEATER LEAKS	reheat tube leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	11/20/2010 7:00:00 AM To 11/20/2010 7:00:00 PM	Unsch	0680	FEEDWATER VALVES (NOT FEEDWATER REGULATING VALVE)	1c f42 value froze in the close position	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
November, 2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	721		721		721	
(C1) Net Gen (MWH) and Capacity Factor	595157	97.57	625006	102.47	212846	34.89
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	383475	62.87
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	254	0.04	227	0.04	13645	2.24
(E1) Net MWH Not Gen Due To Full Forced Outages	16370	2.68	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-1815	-0.29	-15267	-2.51	0	0.00
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	609966	100.00 %	609966	100.00 %	609966	100.00 %
(I) Equivalent Availability		96.19		99.96		34.54
(J) Output Factor		100.26		102.47		93.98
(K) Heat Rate		10,275		10,104		10,335

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
November, 2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	721		721	
(C1) Net Gen (MWH) and Capacity Factor	836686	105.50	832012	104.91
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	445	0.06
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-43586	-5.50	-39357	-4.97
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	793100	100.00 %	793100	100.00 %
(I) Equivalent Availability		100.00		99.94
(J) Output Factor		105.50		104.91
(K) Heat Rate		10,019		10,066

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
November, 2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	721		721	
(C1) Net Gen (MWH) and Capacity Factor	778626	95.65	834230	102.48
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	418	0.05	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	34965	4.30	-20221	-2.48
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	814009	100.00 %	814009	100.00 %
(I) Equivalent Availability		92.93		99.99
(J) Output Factor		95.65		102.48
(K) Heat Rate		10,056		10,016

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

November 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	721	721
(C1) Net Generation (mWh)	475,129	748,797
(C1) Capacity Factor	59.45	93.69
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	0
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	60,958	0
(E1) Forced Outages: percent of Period Hrs	7.62	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	1,070	2,610
(E2) Forced Derates: percent of Period Hrs	0.13	0.33
(F) Net mWh Not Generated due to Economic Dispatch	263,153	48,903
(F) Economic Dispatch: percent of Period Hrs	32.88	6.11
(G) Net mWh Possible in Period	800,310	800,310
(H) Equivalent Availability	92.25	99.67
(I) Output Factor (%)	90.86	93.56
(J) Heat Rate (BTU/NkWh)	9,218	9,063

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

November 2010
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	721	721	721	721
(C1) Net Generation (mWh)	59,337	-89	176,806	397,662
(D) Net mWh Possible in Period	273,980	273,980	474,418	475,860
(E) Equivalent Availability	94.44	100.00	95.25	100.00
(F) Output Factor (%)	68.04	0.00	74.24	83.57
(G) Capacity Factor	21.69	0.00	37.32	83.68

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

November 2010
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	721
(C1)	Net Generation (mWh)	238,333
(D)	Net mWh Possible in Period	405,202
(E)	Equivalent Availability	91.35
(F)	Output Factor (%)	79.59
(G)	Capacity Factor	58.90

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
December,2009 - November,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	7358837	99.30	6728490	90.79	6775886	91.43
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	715225	9.65	566101	7.64
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	8871	0.12	5764	0.08	14397	0.19
(E1) Net MWH Not Gen Due To Full Forced Outages	119133	1.61	71005	0.96	169344	2.29
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-75881	-1.03	-109524	-1.48	-114768	-1.55
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		97.78		88.73		89.12
(J) Output Factor		100.92		101.57		101.50
(K) Heat Rate		10,213		10,127		10,090

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
December,2009 - November,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8827535	91.61	10015885	103.94
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897468	9.31	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	32166	0.33	1109	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	181082	1.88	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-302251	-3.13	-380994	-3.95
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		87.85		99.84
(J) Output Factor		103.16		103.94
(K) Heat Rate		10,146		10,152

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
December,2009 - November,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	9451050	95.56	9074369	91.75
(D1) Net MWH Not Gen Due To Full Scheduled Outages	388873	3.93	789250	7.98
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	19701	0.20	77934	0.79
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	1.49	123230	1.25
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-117144	-1.18	-174743	-1.77
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		93.48		90.07
(J) Output Factor		101.04		101.08
(K) Heat Rate		10,075		10,056

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

December 2009 through November 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	8,356,668	6,175,071
(C1) Capacity Factor	85.94	63.51
(D1) Net mWh Not Generated due to Full Scheduled Outages	220,946	2,366,595
(D1) Scheduled Outages: percent of Period Hrs	2.27	24.34
(D2) Net mWh Not Generated due to Partial Scheduled Outages	28,376	1,372
(D2) Scheduled Derates: percent of Period Hrs	0.29	0.01
(E1) Net mWh Not Generated due to Full Forced Outages	371,777	338,975
(E1) Forced Outages: percent of Period Hrs	3.82	3.49
(E2) Net mWh Not Generated due to Partial Forced Outages	80,998	57,855
(E2) Forced Derates: percent of Period Hrs	0.83	0.60
(F) Net mWh Not Generated due to Economic Dispatch	664,836	783,731
(F) Economic Dispatch: percent of Period Hrs	6.84	8.06
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	92.76	71.57
(I) Output Factor (%)	93.74	88.41
(J) Heat Rate (BTU/NkWh)	9,200	9,419

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

December 2009 through November 2010

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	1,900,646	1,830,804	4,315,428	4,823,878
(D) Net mWh Possible in Period	3,328,800	3,328,800	5,764,080	5,781,600
(E) Equivalent Availability	87.26	88.21	92.46	94.01
(F) Output Factor (%)	80.49	80.36	87.80	88.41
(G) Capacity Factor	57.10	55.00	74.87	83.44

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

December 2009 through November 2010

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	8,760
(C1)	Net Generation (mWh)	2,525,357
(D)	Net mWh Possible in Period	4,923,120
(E)	Equivalent Availability	64.33
(F)	Output Factor (%)	82.92
(G)	Capacity Factor	51.30

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

November,2010

	Unit	MW	Full Outage Hours		
			Scheduled	Unscheduled	Total
Oconee	1	846	0.00	19.35	19.35
	2	846	0.00	0.00	0.00
	3	846	453.28	0.00	453.28
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

November 2010

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	156.48	0.00	156.48
Allen 2	162	159.45	0.00	159.45
Allen 3	261	93.48	0.00	93.48
Allen 4	276	134.90	0.00	134.90
Allen 5	266	406.52	0.00	406.52
Belews Creek 1	1,110	0.00	54.92	54.92
Belews Creek 2	1,110	0.00	0.00	0.00
Buck 5	128	78.00	0.00	78.00
Buck 6	128	0.00	0.00	0.00
Cliffside 5	562	42.50	6.75	49.25
Dan River 3	142	72.00	0.00	72.00
Lee 1	100	175.00	22.43	197.43
Lee 2	100	0.00	20.15	20.15
Lee 3	170	357.48	0.00	357.48
Marshall 1	380	19.53	12.17	31.70
Marshall 2	380	0.00	0.00	0.00
Marshall 3	658	0.00	33.87	33.87
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	0.00	0.00
Riverbend 7	133	153.75	0.00	153.75
Rockingham CT1	165	164.93	0.00	164.93
Rockingham CT2	165	78.87	11.10	89.97
Rockingham CT3	165	127.38	0.00	127.38
Rockingham CT4	165	721.00	0.00	721.00
Rockingham CT5	165	159.67	0.00	159.67